

L15	1	((detect or detecting or detector or detection) near layer) near5 (apd or pin)) and ((attenuating or attenuation) adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:50
L16	24	((detect or detecting or detector or detection) near layer)) and ((attenuating or attenuation) adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:51
L17	0	((detect or detection or detecting) adj layer) with (apd or pin) with photodiode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:52
L18	3	((detect or detection or detecting) adj layer) with (apd or pin) with diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:54
L19	17	((detect or detection or detecting) adj layer) near5 diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:57
L20	5	I19 and (pin or apd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:56
L21	21	((detect or detection or detecting) adj layer) near10 diode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 15:58
L22	6	I21 and (pin or apd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:02
L23	25771	(layer near10 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:04
L24	17462	(layer near5 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:04

L25	1851	(layer near5 (pin or apd)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:04
L26	2	(attenuate or attenuating or attenuation) near10 (layer near5 (pin or apd)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:05
L27	34	(attenuate or attenuating or attenuation) same (layer near5 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:06
L28	3	((attenuate or attenuating or attenuation) adj layer) same (layer near5 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:06
L29	14	((attenuate or attenuating or attenuation) adj layer) and (layer near5 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:18
L30	19	((attenuate or attenuating or attenuation) adj layer) and (layer near10 (pin or apd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:19
L31	4	((attenuate or attenuating or attenuation) adj layer) and (layer near10 (pin or apd)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:19
L32	4	((attenuate or attenuating or attenuation) adj layer) and (layer near10 (pin or apd) near diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:21
L33	4	(((detect or detecting or detection) near layer) near10 (pin or apd) near diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:23
L34	4	(((detect or detecting or detection) near2 layer) near10 (pin or apd) near diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:23

L35	6	((detect or detecting or detection) near3 layer) near10 (pin or apd) near diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:27
L36	266	light with (pin or apd) with diode with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:28
L37	139	(light near10 (pin or apd) near10 diode near10 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:28
L38	7	(light near10 (pin or apd) near10 diode near10 layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:29
L39	2	(light near10 (pin or apd) near10 diode near10 layer) and attenuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:30
L40	2	(light near10 (pin or apd) near10 diode near10 layer) and (variable near2 optical near2 attenuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:30
L41	4	((pin or apd) near10 diode near10 layer) and (variable near2 optical near2 attenuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:31
L42	1	((pin or apd) near10 diode near10 layer) and (integrated near2 variable near2 optical near2 attenuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:31
L43	38	(integrated near2 variable near2 optical near2 attenuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:32
L44	4	(integrated near2 variable near2 optical near2 attenuator) and (pin or apd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:33

L45	15	(integrated near2 variable near2 optical near2 attenuator) and (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:33
L46	2	(integrated near2 variable near2 optical near2 attenuator) same (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:34
L47	41	(integrated near2 variable near2 optical near2 (attenuating or attenuation or attenuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:34
L48	25	(integrated near2 variable near2 optical near2 (attenuating or attenuation or attenuator)).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:35
L49	10	(integrated near2 variable near2 optical near2 (attenuating or attenuation or attenuator)).ti,ab, clm. and (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:37
L50	11057	(attenuating or attenuation or attenuator).ti,ab,clm. and (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38
L51	5851	(attenuating or attenuation or attenuator).ti,ab,clm. and (diode or photodiode) and (detect or detecting or detector or detection)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38
L52	2079	(attenuating or attenuation or attenuator).ti,ab,clm. and (diode or photodiode) near10 (detect or detecting or detector or detection)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38
L53	2079	(attenuating or attenuation or attenuator).ti,ab,clm. and ((diode or photodiode) near10 (detect or detecting or detector or detection))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38
L54	636	(attenuating or attenuation or attenuator).ti,ab,clm. and ((diode or photodiode) near10 (detect or detecting or detector or detection)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38

L55	146	(attenuating or attenuation or attenuator).ti,ab,clm. and (light near10 (diode or photodiode) near10 (detect or detecting or detector or detecion)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:38
L56	80	(attenuating or attenuation or attenuator).clm. and (light near10 (diode or photodiode) near10 (detect or detecting or detector or detección)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:39
L57	66	(attenuating or attenuation or attenuator).clm. and (light near10 (diode or photodiode) near10 (detect or detecting or detector or detencion)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:39
L58	5	(attenuating or attenuation or attenuator).clm. same (light near10 (diode or photodiode) near10 (detect or detecting or detector or detencion)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:40
L59	5	(attenuating or attenuation or attenuator) same (light near10 (diode or photodiode) near10 (detect or detecting or detector or detencion)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:40
L60	228	(attenuating or attenuation or attenuator) same (light near10 (diode or photodiode) near10 (detect or detecting or detector or detencion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:40
L61	85	(attenuating or attenuation or attenuator) with (light near10 (diode or photodiode) near10 (detect or detecting or detector or detencion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:40
L62	423	(attenuating or attenuation or attenuator) with ((diode or photodiode) near10 (detect or detecting or detector or detencion))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:40
L63	45	(attenuating or attenuation or attenuator) with ((diode or photodiode) near10 (detect or detecting or detector or detencion)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:41
L64	0	(attenuating or attenuation or attenuator) with ((diode or photodiode) near10 (detect or detecting or detector or detencion) with layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:41

L65	7	(attenuating or attenuation or attenuator) with ((diode or photodiode) near10 (detect or detecting or detector or detection) with layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:42
L66	9037	(attenuating or attenuation or attenuator) with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:42
L67	2057	(attenuating or attenuation or attenuator) with layer with light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:42
L68	46	(attenuating or attenuation or attenuator) with layer with light with (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:44
L69	4	(attenuating or attenuation or attenuator).clm. with layer with light with (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:44
L70	6	(attenuating or attenuation or attenuator).clm. same layer with light with (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:45
L71	6	(attenuating or attenuation or attenuator).clm. same layer same light with (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:45
L72	6	(attenuating or attenuation or attenuator).clm. same layer same light same (diode or photodiode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:45
L73	960	((attenuating or attenuation or attenuator) near10 layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:45
L74	244	((attenuating or attenuation or attenuator) near10 layer).clm. and ((attenuating or attenuation or attenuator) near10 layer).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:46

L75	2	((attenuating or attenuation or attenuator) near10 layer).clm. and ((attenuating or attenuation or attenuator) near10 layer).ab. and (diode or photodiode).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:47
L76	6	((attenuating or attenuation or attenuator) near10 layer).clm. and ((detection or detector or detecting) adj layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:50
L77	0	((attenuator) near10 layer).clm. and ((detection or detector or detecting) adj layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:50
L78	0	((attenuator)).clm. and ((detection or detector or detecting) adj layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:50
L79	2	((attenuator)) and ((detection or detector or detecting) adj layer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:53
L80	10354	((diode or photodiode) near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:53
L81	13	((diode or photodiode) near2 layer) and ((attenuator or attenuating or attenuation) adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:55
L82	3	((diode or photodiode) adj layer) and ((attenuator or attenuating or attenuation) adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:56
L83	59	((diode or photodiode) adj layer) and ((attenuator or attenuating or attenuation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:56
L84	2	((diode or photodiode) adj layer) with ((attenuator or attenuating or attenuation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:56

L85	10	((diode or photodiode) near layer) with ((attenuator or attenuating or attenuation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:56
L86	1	(((diode or photodiode) near2 layer) with ((attenuator or attenuating or attenuation))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:57
L87	6	(((diode or photodiode) near2 layer) with ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:57
L88	10	(((diode or photodiode) near2 layer) same ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:58
L89	0	(((diode or photodiode) adj layer) same ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 16:58
L90	8	(((diode or photodiode) adj layer) and ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 17:00
L91	68	(((diode or photodiode) near2 layer) and ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 17:00
L92	14	(((diode or photodiode) near2 layer).clm. and ((attenuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 17:00
L93	4	(((diode or photodiode) near2 layer).clm. and ((attenuator).clm.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 17:03
L94	5	((diode or photodiode) near2 layer).clm. and (attenuating near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/27 17:03